

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PI4748	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 03/ 00501	International filing date (day/month/year) 05/02/2003	(Earliest) Priority Date (day/month/year) 08/02/2002
Applicant GLAXO GROUP LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1 Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☒ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

PIPERIDINE DERIVATIVES AND THEIR USE AS ANTAGONISTS OF TACHYKININS

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT 03/00501

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07D401/04 A61K31/496 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 16440 A (JANSSEN PHARMACEUTICA NV ; JANSSENS FRANS EDUARD (BE); SOMMEN FRANC) 9 May 1997 (1997-05-09) page 1, line 1 -page 4, line 15 -----	1-18
A	WO 01 25219 A (GLAXO GROUP LTD ;GIOVANNINI RICCARDO (IT); ST DENIS YVES (IT); ALV) 12 April 2001 (2001-04-12) page 1, line 1 -page 2, line 32 -----	1-18
P, X	WO 02 32867 A (GLAXO GROUP LTD ; TRANQUILLINI MARIA ELVIRA (IT); MARAGNI PAOLO (IT) 25 April 2002 (2002-04-25) page 1, line 1 -page 3, line 4; examples 1-19 -----	1-18

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

1 April 2003

Date of mailing of the international search report

08/04/2003

Name and mailing address of the ISA

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Authorized officer

Usueli, A

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 03/00501

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 17 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compounds.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT 03/00501

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9716440	A	09-05-1997	AT 188691 T 15-01-2000
			AU 704155 B2 15-04-1999
			AU 7493296 A 22-05-1997
			BR 9611184 A 30-03-1999
			CA 2234096 A1 09-05-1997
			CZ 9801322 A3 16-09-1998
			DE 69606196 D1 17-02-2000
			DE 69606196 T2 21-09-2000
			EA 980404 A1 29-10-1998
			WO 9716440 A1 09-05-1997
			EP 0862566 A1 09-09-1998
			ES 2143238 T3 01-05-2000
			GR 3033154 T3 31-08-2000
			HR 960507 A1 28-02-1998
			HU 9802985 A2 28-10-1999
			IL 123962 A 11-01-2001
			JP 11514634 T 14-12-1999
			JP 3073238 B2 07-08-2000
			NO 981534 A 24-06-1998
			NZ 321575 A 28-05-1999
			PL 327406 A1 07-12-1998
			PT 862566 T 30-06-2000
			SI 862566 T1 30-04-2000
			TR 9800756 T2 21-07-1998
			TW 460473 B 21-10-2001
			US 6197772 B1 06-03-2001
			US 6521621 B1 18-02-2003
			US RE37886 E1 15-10-2002
			ZA 9609090 A 29-04-1998
WO 0125219	A	12-04-2001	AU 7913900 A 10-05-2001
			BR 0014541 A 17-09-2002
			CN 1391564 T 15-01-2003
			CZ 20021166 A3 13-11-2002
			WO 0125219 A2 12-04-2001
			EP 1218359 A2 03-07-2002
			NO 20021637 A 06-06-2002
			TR 200200936 T2 22-07-2002
			US 2003028021 A1 06-02-2003
WO 0232867	A	25-04-2002	AU 9572301 A 29-04-2002
			WO 0232867 A1 25-04-2002